

# Notice of Allowability

Application No.

10/782,940

Examiner

Truc T. T. Nguyen

Applicant(s)

CHANG, CHIH-KAI

Art Unit

2833

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 2/23/04 and an interview on 1/19/2005.
2. ☒ The allowed claim(s) is/are 1 and 3-9.
3. ☒ The drawings filed on 23 February 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 1/19/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

TRUC T. NGUYEN  
PRIMARY EXAMINER

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joe McKinney Muncy on January 19, 2005.

The application has been amended as follows:

- Please cancel claim 2.
- Please amend claims 1 and 3 as follow:

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1. A stacked multi port connector with the light-emitting element, comprising:  
a transmission module, having an adapting device, a positioning set, a frontal cover and a plurality of light-emitting elements, wherein said adapting device comprises a terminal set having a plurality of signal output terminals penetrating there-through;

said positioning set is positioned at a bottom face of said adapting device, and said positioning set comprises a plurality of transmission terminals and a plurality of signal input terminals penetrating there-through;

said frontal cover comprises a plurality of slots formed on a surface thereon and a plurality of receiving spaces for positioning said light-emitting elements, and a plurality of protrusions are formed on two sides of a bottom flange, and wherein said frontal cover covers an outer portion of said adapting device, and said signal output terminals of adapting advice is

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positioned between said protrusions of the frontal cover and signal input terminals of said back cover; and

a case, covering said transmission module[.];

wherein said terminal set comprises an protruded upper portion and a lower portion for fitting a plurality of signal output terminals, a through channel for fitting said light-emitting element is formed between said upper portion and lower portion, and a connecting circuit board for connecting and positioning said light-emitting elements is formed at a backside of said terminal set, and said transmission terminal has bent portion for connecting to said connecting circuit board.

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3. The stacked multi port connector with the light-emitting element according to claim [2] 1, wherein said connecting circuit board of said adapting device comprises a through groove, and a signal connecting circuit board is positioned at a rear side of said connecting circuit board, and wherein said signal output terminal comprises a base having a welding portion on one side and a receiving end portion on another side thereof, said welding portion penetrating through said through groove of connecting circuit board and welded securely onto said signal connecting circuit board.

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2. The following is an examiner's statement of reasons for allowance:

The prior art of record fails to teach the terminal set comprises an protruded upper portion and a lower portion for fitting a plurality of signal output terminals, a through channel for fitting said light-emitting element is formed between said upper portion and lower portion.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T. T. Nguyen whose telephone number is 571-272-2011. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on 571-272-2800 extension 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Truc T. T. Nguyen  
Primary Examiner  
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